

Syntax

SPONSOR

HelloSign — Enterprise security. Fastest integration time. Hellosign API

```
<nav>
  <ul>
    <li></li>
  </ul>
</nav>
```

Sibling: +

```
div+p+bq
<div></div>
<p></p>
<blockquote></blockquote>
```

Climb-up: ^

| | |
|-------------------------------|-------------------------------|
| div+div>p>span+em^bq | div+div>p>span+em^^bq |
| <div></div> | <div></div> |
| <div> | <div> |
| <p></p> | <p></p> |
| <blockquote></blockquote> | </div> |
| </div> | <blockquote></blockquote> |

Grouping: ()

| | |
|---------------------------------|-----------------------------|
| div>(header>ul>li*2>a)+footer>p | (div>dl>(dt+dd)*3)+footer>p |
| <div> | <div> |
| <header> | <dl> |
| | <dt></dt> |
| | <dd></dd> |
| | <dt></dt> |
| | <dd></dd> |
| </header> | <dt></dt> |
| <footer> | <dd></dd> |
| <p></p> | </dl> |
| </footer> | </div> |
| </div> | <footer> |
| | <p></p> |
| | </footer> |

Multiplication: *

```
ul>li*5
<ul>
  <li></li>
  <li></li>
  <li></li>
  <li></li>
  <li></li>
</ul>
```

Item numbering: \$

```
ul>li.item$*5
  <ul>
    <li class="item1"></li>
    <li class="item2"></li>
    <li class="item3"></li>
    <li class="item4"></li>
    <li class="item5"></li>
  </ul>
```

```
ul>li.item$@-*5
  <ul>
    <li class="item5"></li>
    <li class="item4"></li>
    <li class="item3"></li>
    <li class="item2"></li>
    <li class="item1"></li>
  </ul>
```

ID and CLASS attributes

```
#header
  <div id="header"></div>
```

```
p.class1.class2.class3
  <p class="class1 class2 class3"></p>
```

Custom attributes

```
p[title="Hello world"]
  <p title="Hello world"></p>
```

Text: {}

```
a{Click me}
  <a href="">Click me</a>
```

Implicit tag names

```
.class
  <div class="class"></div>
```

```
table>.row>.col
  <table>
    <tr class="row">
      <td class="col"></td>
    </tr>
  </table>
```

HTML

All unknown abbreviations will be transformed to tag, e.g. `foo` → `<foo></foo>`.

```
h${title=item${Header $}}*3
  <h1 title="item1">Header 1</h1>
  <h2 title="item2">Header 2</h2>
  <h3 title="item3">Header 3</h3>
```

```
ul>li.item$@3*5
  <ul>
    <li class="item3"></li>
    <li class="item4"></li>
    <li class="item5"></li>
    <li class="item6"></li>
    <li class="item7"></li>
  </ul>
```

```
.title
  <div class="title"></div>
```

```
td[rowspan=2 colspan=3 title]
  <td rowspan="2" colspan="3" title=""></td>
```

```
p>{Click }+a{here}+{ to continue}
  <p>Click <a href="">here</a> to continue</p>
```

```
em>.class
  <em><span class="class"></span></em>
```

```
ul>li.item$$$*5
  <ul>
    <li class="item001"></li>
    <li class="item002"></li>
    <li class="item003"></li>
    <li class="item004"></li>
    <li class="item005"></li>
  </ul>
```

```
form#search.wide
  <form id="search" class="wide"></form>
```

```
[a='value1' b="value2"]
  <div a="value1" b="value2"></div>
```

```
ul>.class
  <ul>
    <li class="class"></li>
  </ul>
```

!

Alias of html:5

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8" />
  <title>Document</title>
</head>
<body>
</body>
</html>
```

bdo:l
<bdo dir="ltr"></bdo>

link:css
<link rel="stylesheet" href="style.css" />

link:touch
<link rel="apple-touch-icon" href="favicon.png" />

link:import, link:im
<link rel="import" href="component.html" />

meta:win
<meta http-equiv="Content-Type"
content="text/html; charset=windows-1251" />

script
<script></script>

img:srcset, img:s

source, src
<source />

source:media, src:m
<source media="(min-width:)" srcset="" />

source:media:sizes, src:mz
<source media="(min-width:)" sizes="" srcset="" />

a

a:mail

acronym, acr
<acronym title=""></acronym>

basefont
<basefont />

frame
<frame />

bdo
<bdo dir=""></bdo>

col
<col />

link:print
<link rel="stylesheet" href="print.css"
media="print" />

link:rss
<link rel="alternate" type="application/rss+xml"
title="RSS" href="rss.xml" />

meta
<meta />

meta:vp
<meta name="viewport" content="width=
device-width, user-scalable=no, initial-scale=
1.0, maximum-scale=1.0, minimum-scale=1.0"
/>

script:src
<script src=""></script>

img:sizes, img:z

source:src, src:sc
<source src="" type="" />

source:type, src:t
<source srcset="" type="image/" />

source:sizes:type, src:zt
<source sizes="" srcset="" type="image/" />

a:link

abbr
<abbr title=""></abbr>

base
<base href="" />

br

hr
<hr />

bdo:r
<bdo dir="rtl"></bdo>

link
<link rel="stylesheet" href="" />

link:favicon
<link rel="shortcut icon" type="image/x-icon"
href="favicon.ico" />

link:atom
<link rel="alternate" type="application/atom+xml"
title="Atom" href="atom.xml" />

meta:utf
<meta http-equiv="Content-Type"
content="text/html; charset=UTF-8" />

meta:compat
<meta http-equiv="X-UA-Compatible" content="IE=7"
/>

style
<style></style>

img

picture
<picture></picture>

source:srcset, src:s
<source srcset="" />

source:sizes, src:z
<source sizes="" srcset="" />

source:media:type, src:mt
<source media="(min-width:)" srcset="" type="image/" />

iframe
<iframe src="" frameborder="0"></iframe>

embed
<embed src="" type="" />

```
object
  <object data="" type=""></object>

area
  <area shape="" coords="" href="" alt="" />

area:r
  <area shape="rect" coords="" href="" alt="" />

form:get
  <form action="" method="get"></form>

input
  <input type="text" />
```

```
input:text, input:t
  Alias of inp
  <input type="text" name="" id="" />
```

```
input:datetime
  Alias of inp[type=datetime]
  <input type="datetime" name="" id="" />
```

```
input:month
  Alias of inp[type=month]
  <input type="month" name="" id="" />
```

```
input:tel
  Alias of inp[type=tel]
  <input type="tel" name="" id="" />
```

```
input:checkbox, input:c
  Alias of inp[type=checkbox]
  <input type="checkbox" name="" id="" />
```

```
input:file, input:f
  Alias of inp[type=file]
  <input type="file" name="" id="" />
```

```
input:reset
  Alias of input:button[type=reset]
  <input type="reset" value="" />
```

```
param
  <param name="" value="" />

area:d
  <area shape="default" href="" alt="" />

area:p
  <area shape="poly" coords="" href="" alt="" />

form:post
  <form action="" method="post"></form>

inp
  <input type="text" name="" id="" />
```

```
input:search
  Alias of inp[type=search]
  <input type="search" name="" id="" />
```

```
input:url
  Alias of inp[type=url]
  <input type="url" name="" id="" />
```

```
input:date
  Alias of inp[type=date]
  <input type="date" name="" id="" />
```

```
input:week
  Alias of inp[type=week]
  <input type="week" name="" id="" />
```

```
input:number
  Alias of inp[type=number]
  <input type="number" name="" id="" />
```

```
input:radio, input:r
  Alias of inp[type=radio]
  <input type="radio" name="" id="" />
```

```
input:submit, input:s
  <input type="submit" value="" />
```

```
input:button, input:b
  <input type="button" value="" />
```

```
select
  <select name="" id=""></select>
```

```
map
  <map name=""></map>

area:c
  <area shape="circle" coords="" href="" alt="" />
```

```
form
  <form action=""></form>
```

```
label
  <label for=""></label>
```

```
input:hidden, input:h
  Alias of input[type=hidden name]
  <input type="hidden" name="" />
```

```
input:email
  Alias of inp[type=email]
  <input type="email" name="" id="" />
```

```
input:password, input:p
  Alias of inp[type=password]
  <input type="password" name="" id="" />
```

```
input:datetime-local
  Alias of inp[type=datetime-local]
  <input type="datetime-local" name="" id="" />
```

```
input:time
  Alias of inp[type=time]
  <input type="time" name="" id="" />
```

```
input:color
  Alias of inp[type=color]
  <input type="color" name="" id="" />
```

```
input:range
  Alias of inp[type=range]
  <input type="range" name="" id="" />
```

```
input:image, input:i
  <input type="image" src="" alt="" />
```

```
isindex
  <isindex />
```

```
select:disabled, select:d
  Alias of select[disabled.]
  <select name="" id="" disabled="disabled"></select>
```

option, opt
 <option value="|">|</option>

menu:toolbar, menu:t
 Alias of menu[type=toolbar]>
 <menu type="toolbar">|</menu>

button:submit, button:s, btn:s
 Alias of button[type=submit]
 <button type="submit">|</button>

fieldset:disabled, fieldset:d, fset:d, fst:d
 Alias of fieldset[disabled.]
 <fieldset disabled="disabled">|</fieldset>

figcaption
 Alias of figcaption
 <figcaption>|</figcaption>

emb
 Alias of embed
 <embed src="|" type="|" />

colg
 Alias of colgroup
 <colgroup>|</colgroup>

optg
 Alias of optgroup
 <optgroup>|</optgroup>

art
 Alias of article
 <article>|</article>

adr
 Alias of address
 <address>|</address>

textarea
 <textarea name="|" id="|" cols="30" rows="10">
 |</textarea>

video
 <video src="|">|</video>

html:xml
 <html xmlns="http://www.w3.org/1999/xhtml">|
 </html>

button:reset, button:r, btn:r
 Alias of button[type=reset]
 <button type="reset">|</button>

bq
 Alias of blockquote
 <blockquote>|</blockquote>

pic
 Alias of picture
 <picture>|</picture>

obj
 Alias of object
 <object data="|" type="|">|</object>

fst, fset
 Alias of fieldset
 <fieldset>|</fieldset>

tarea
 Alias of textarea
 <textarea name="|" id="|" cols="30" rows="10">
 |</textarea>

hdr
 Alias of header
 <header>|</header>

dlg
 Alias of dialog
 <dialog>|</dialog>

marquee
 <marquee behavior="|" direction="|">|</marquee>

menu:context, menu:c
 Alias of menu[type=context]>
 <menu type="context">|</menu>

audio
 <audio src="|">|</audio>

keygen
 <keygen />

command
 <command />

button:disabled, button:d, btn:d
 Alias of button[disabled.]
 <button disabled="disabled">|</button>

fig
 Alias of figure
 <figure>|</figure>

ifr
 Alias of iframe
 <iframe src="|" frameborder="0">|</iframe>

cap
 Alias of caption
 <caption>|</caption>

btn
 Alias of button
 <button>|</button>

leg
 Alias of legend
 <legend>|</legend>

sect
 Alias of section
 <section>|</section>

fttr
 Alias of footer
 <footer>|</footer>

str
 Alias of strong
 |

prog

Alias of progress
<progress>|</progress>

datag

Alias of datagrid
<datagrid>|</datagrid>

det

Alias of details
<details>|</details>

doc4

Alias of html>(head>meta[http-equiv="Content-Type"
content="text/html; charset=\${charset}"]+title
\${1:Document}})+body
<html>
<head>
 <meta http-equiv="Content-Type"
content="text/html; charset=UTF-8" />
 <title>Document</title>
</head>
<body>
|
</body>
</html>

mn

Alias of main
<main>|</main>

datal

Alias of datalist
<datalist>|</datalist>

cmd

Alias of command
<command />

ri:dpr, ri:d

Alias of img:s

ri:art, ri:a

Alias of pic>src:m+img
<picture>
 <source media="(min-width:)" srcset="|" />

</picture>

tem

Alias of template
<template>|</template>

kg

Alias of keygen
<keygen />

out

Alias of output
<output>|</output>

doc

Alias of html>
(head>meta[charset=\${charset}]+title\${1:Docu
ment}})+body
<html>
<head>
 <meta charset="UTF-8" />
 <title>Document</title>
</head>
<body>
|
</body>
</html>

ri:viewport, ri:v

Alias of img:z

ri:type, ri:t

Alias of pic>src:t+img
<picture>
 <source srcset="|" type="image/" />

</picture>

html:4t

```
Alias of !!!4t+doc4[lang=${lang}]

<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01
Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
<html lang="en">
<head>
  <meta http-equiv="Content-Type"
content="text/html; charset=UTF-8" />
  <title>Document</title>
</head>
<body>
  |
</body>
</html>
```

html:xs

```
Alias of
!!!xs+doc4[xmlns=http://www.w3.org/1999/xhtml
xml:lang=${lang}]

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0
Strict//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-
strict.dtd">
<html xmlns="http://www.w3.org/1999/xhtml"
xml:lang="en">
<head>
  <meta http-equiv="Content-Type"
content="text/html; charset=UTF-8" />
  <title>Document</title>
</head>
<body>
  |
</body>
</html>
```

map+

```
Alias of map>area

<map name="|">
  <area shape="|" coords="|" href="|" alt="|" />
</map>
```

html:4s

```
Alias of !!!4s+doc4[lang=${lang}]

<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01//EN"
"http://www.w3.org/TR/html4/strict.dtd">
<html lang="en">
<head>
  <meta http-equiv="Content-Type"
content="text/html; charset=UTF-8" />
  <title>Document</title>
</head>
<body>
  |
</body>
</html>
```

html:xss

```
Alias of
!!!xss+doc4[xmlns=http://www.w3.org/1999/xhtm
l xml:lang=${lang}]

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.1//EN"
"http://www.w3.org/TR/xhtml11/DTD/xhtml11.dtd">
<html xmlns="http://www.w3.org/1999/xhtml"
xml:lang="en">
<head>
  <meta http-equiv="Content-Type"
content="text/html; charset=UTF-8" />
  <title>Document</title>
</head>
<body>
  |
</body>
</html>
```

ul+

```
Alias of ul>li

<ul>
  <li>|</li>
</ul>
```

html:xt

```
Alias of
!!!xt+doc4[xmlns=http://www.w3.org/1999/xhtml
xml:lang=${lang}]

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0
Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-
transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml"
xml:lang="en">
<head>
  <meta http-equiv="Content-Type"
content="text/html; charset=UTF-8" />
  <title>Document</title>
</head>
<body>
  |
</body>
</html>
```

html:5

```
Alias of !!!+doc[lang=${lang}]

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8" />
  <title>Document</title>
</head>
<body>
  |
</body>
</html>
```

ol+

```
Alias of ol>li

<ol>
  <li>|</li>
</ol>
```

dl+

```
Alias of dl>dt+dd

<dl>
  <dt>|</dt>
  <dd>|</dd>
</dl>
```

```
table+
  Alias of table>tr>td
  <table>
    <tr>
      <td>|</td>
    </tr>
  </table>
```

```
pic+
  Alias of picture>source:srcset+img
  <picture>
    <source srcset="|" />
    
  </picture>
```

```
!!!xs
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0
Strict//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-
strict.dtd">
```

```
cc:ie
<!--[if IE]>
  ${child}|
<![endif]-->
```

CSS

CSS module uses fuzzy search to find unknown abbreviations, e.g. `ov:h == ov-h == ovh == oh`.

If abbreviation wasn't found, it is transformed into property name: `foo-bar → foo-bar: |`;

You can prefix abbreviations with hyphen to produce vendor-prefixed properties: `-foo`

Visual Formatting

```
pos          position: relative;
```

```
t            top: |;
```

```
r:a          right:auto;
```

```
l            left: |;
```

```
z:a          z-index:auto;
```

```
fl:r         float:right;
```

```
colgroup+, col+
  Alias of colgroup>col
  <colgroup>
    <col />
  </colgroup>
```

```
select+
  Alias of select>option
  <select name="|" id="|">
    <option value="|">|</option>
  </select>
```

```
!!!
<!DOCTYPE html>

!!!4s
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01//EN"
"http://www.w3.org/TR/html4/strict.dtd">
```

```
!!!xss
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.1//EN"
"http://www.w3.org/TR/xhtml11/DTD/xhtml11.dtd">
```

```
cc:noie
<!--[if !IE]><!-->
  ${child}|
<!--<![endif]-->
```

```
pos:s        position:static;
```

```
pos:r        position:relative;
```

```
t:a          top:auto;
```

```
b            bottom: |;
```

```
l:a          left:auto;
```

```
fl           float: left;
```

```
cl           clear: both;
```

```
tr+
  Alias of tr>td
  <tr>
    <td>|</td>
  </tr>
```

```
optgroup+, optg+
  Alias of optgroup>option
  <optgroup>
    <option value="|">|</option>
  </optgroup>
```

```
!!!4t
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01
Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">

!!!xt
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0
Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-
transitional.dtd">
```

```
c
<!-- |${child} -->
```

```
cc:ie6
<!--[if lte IE 6]>
  ${child}|
<![endif]-->
```

```
pos:a        position:absolute;
```

```
pos:f        position:fixed;
```

```
r            right: |;
```

```
b:a          bottom:auto;
```

```
z            z-index: |;
```

```
fl:n         float:none;
```

```
fl:l         float:left;
```

```
cl:n         clear:none;
```


| | | | | | |
|-------|-----------------------|-------|------------------------|--------|---------------------------|
| cl:l | clear:left; | cl:r | clear:right; | cl:b | clear:both; |
| d | display:block; | d:n | display:none; | d:b | display:block; |
| | | d:f | display:flex; | d:if | display:inline-flex; |
| d:i | display:inline; | d:ib | display:inline-block; | d:li | display:list-item; |
| d:ri | display:run-in; | d:cp | display:compact; | d:tb | display:table; |
| d:itb | display:inline-table; | d:tbc | display:table-caption; | d:tbc | display:table-cell; |
| d:tbc | display:table-column; | d:tbc | display:table-cell; | d:rbbg | display:ruby-base-group; |
| d:tbc | display:table-column; | d:tbc | display:table-cell; | v | visibility:hidden; |
| d:tbc | display:table-column; | d:tbc | display:table-cell; | v:c | visibility:collapse; |
| d:tbc | display:table-column; | d:tbc | display:table-cell; | ov:h | overflow:hidden; |
| d:tbc | display:table-column; | d:tbc | display:table-cell; | ov:a | overflow:auto; |
| d:tbc | display:table-column; | d:tbc | display:table-cell; | ovx:h | overflow-x:hidden; |
| d:tbc | display:table-column; | d:tbc | display:table-cell; | ovx:a | overflow-x:auto; |
| d:tbc | display:table-column; | d:tbc | display:table-cell; | ovy:h | overflow-y:hidden; |
| d:tbc | display:table-column; | d:tbc | display:table-cell; | ovy:a | overflow-y:auto; |
| d:tbc | display:table-column; | d:tbc | display:table-cell; | ovs:s | overflow-style:scrollbar; |
| d:tbc | display:table-column; | d:tbc | display:table-cell; | ovs:m | overflow-style:move; |
| d:tbc | display:table-column; | d:tbc | display:table-cell; | cp | clip:l; |
| d:tbc | display:table-column; | d:tbc | display:table-cell; | rsz | resize:l; |
| d:tbc | display:table-column; | d:tbc | display:table-cell; | rsz:n | resize:none; |
| d:tbc | display:table-column; | d:tbc | display:table-cell; | rsz:v | resize:vertical; |
| d:tbc | display:table-column; | d:tbc | display:table-cell; | cur:d | cursor:default; |
| d:tbc | display:table-column; | d:tbc | display:table-cell; | cur:he | cursor:help; |
| d:tbc | display:table-column; | d:tbc | display:table-cell; | cur:t | cursor:text; |

Margin & Padding

| | | | | | |
|------|-------------------|------|---------------------|------|--------------------|
| m | margin:l; | m:a | margin:auto; | mt | margin-top:l; |
| mt:a | margin-top:auto; | mr | margin-right:l; | mr:a | margin-right:auto; |
| mb | margin-bottom:l; | mb:a | margin-bottom:auto; | ml | margin-left:l; |
| ml:a | margin-left:auto; | p | padding:l; | pt | padding-top:l; |
| pr | padding-right:l; | pb | padding-bottom:l; | pl | padding-left:l; |

Box Sizing

| | | | | | |
|-----|-------------------------|--------|--------------------------|--------|-------------------------|
| bxz | box-sizing: border-box; | bxz:cb | box-sizing: content-box; | bxz:bb | box-sizing: border-box; |
|-----|-------------------------|--------|--------------------------|--------|-------------------------|

| | | | | | |
|-------------|--|---------|--|---------|---|
| bxsh | box-shadow: inset hoff voff blur color; | bxsh:r | box-shadow: inset hoff voff blur spread rgb(0, 0, 0); | bxsh:ra | box-shadow: inset h v blur spread rgba(0, 0, 0, .5); |
| bxsh:n | box-shadow:none; | w | width:; | w:a | width:auto; |
| h | height:; | h:a | height:auto; | maw | max-width:; |
| maw:n | max-width:none; | mah | max-height:; | mah:n | max-height:none; |
| miw | min-width:; | mih | min-height:; | | |
| Font | | | | | |
| f | font:; | f+ | font: 1em Arial,sans-serif; | fw | font-weight:; |
| fw:b | font-weight:bold; | fw:br | font-weight:bolder; | fw:n | font-weight:normal; |
| fs | font-style:\${italic}; | fs:n | font-style:normal; | fw:lr | font-weight:lighter; |
| fs:o | font-style:oblique; | fv | font-variant:; | fs:i | font-style:italic; |
| fv:sc | font-variant:small-caps; | fz | font-size:; | fv:n | font-variant:normal; |
| fza:n | font-size-adjust:none; | ff | font-family:; | fza | font-size-adjust:; |
| ff:ss | font-family:sans-serif; | ff:c | font-family:cursive; | ff:s | font-family:serif; |
| ff:m | font-family:monospace; | ff:a | font-family: Arial, "Helvetica Neue", Helvetica, sans-serif; | ff:f | font-family:fantasy; |
| ff:v | font-family: Verdana, Geneva, sans-serif; | fef | font-effect:; | ff:t | font-family: "Times New Roman", Times, Baskerville, Georgia, serif; |
| fef:o | font-effect:outline; | fef:eg | font-effect:engrave; | fef:n | font-effect:none; |
| femp:b | font-emphasize-position:before; | fem | font-emphasize:; | fef:eb | font-effect:emboss; |
| fems:n | font-emphasize-style:none; | femp:a | font-emphasize-position:after; | femp | font-emphasize-position:; |
| fems:c | font-emphasize-style:circle; | fems:ac | font-emphasize-style:accent; | fems | font-emphasize-style:; |
| fsm:a | font-smooth:auto; | fems:ds | font-emphasize-style:disc; | fems:dt | font-emphasize-style:dot; |
| fst | font-stretch:; | fsm:n | font-smooth:never; | fsm | font-smooth:; |
| fst:ec | font-stretch:extra-condensed; | fst:n | font-stretch:normal; | fsm:aw | font-smooth:always; |
| fst:se | font-stretch:semi-expanded; | fst:c | font-stretch:condensed; | fst:uc | font-stretch:ultra-condensed; |
| fst:ue | font-stretch:ultra-expanded; | fst:e | font-stretch:expanded; | fst:sc | font-stretch:semi-condensed; |
| Text | | | | | |
| va | vertical-align: top; | va:sup | vertical-align:super; | fst:ee | font-stretch:extra-expanded; |
| | | va:tt | vertical-align:text-top; | va:t | vertical-align:top; |
| va:bl | vertical-align:baseline; | va:b | vertical-align:bottom; | va:m | vertical-align:middle; |
| va:sub | vertical-align:sub; | ta | text-align: left; | va:tb | vertical-align:text-bottom; |
| | | | | ta:l | text-align:left; |
| | | | | ta:c | text-align:center; |

| | | | | | |
|-------------------|--|---------|--|---------|--|
| ta:r | text-align:right; | ta:j | text-align:justify; | ta-lst | text-align-last: l ; |
| tal:a | text-align-last:auto; | tal:l | text-align-last:left; | tal:c | text-align-last:center; |
| tal:r | text-align-last:right; | td | text-decoration: none ; | td:n | text-decoration:none; |
| | | | | td:u | text-decoration:underline; |
| td:o | text-decoration:overline; | td:l | text-decoration:line-through; | te | text-emphasis: l ; |
| te:n | text-emphasis:none; | te:ac | text-emphasis:accent; | te:dt | text-emphasis:dot; |
| te:c | text-emphasis:circle; | te:ds | text-emphasis:disc; | te:b | text-emphasis:before; |
| te:a | text-emphasis:after; | th | text-height: l ; | th:a | text-height:auto; |
| th:f | text-height:font-size; | th:t | text-height:text-size; | th:m | text-height:max-size; |
| ti | text-indent: l ; | ti:- | text-indent:-9999px; | tj | text-justify: l ; |
| tj:a | text-justify:auto; | tj:iw | text-justify:inter-word; | tj:ii | text-justify:inter-ideograph; |
| tj:ic | text-justify:inter-cluster; | tj:d | text-justify:distribute; | tj:k | text-justify:kashida; |
| tj:t | text-justify:tibetan; | to | text-outline: l ; | to+ | text-outline: 0 0 #000 ; |
| to:n | text-outline:none; | tr | text-replace: l ; | tr:n | text-replace:none; |
| tt | text-transform: uppercase ; | tt:n | text-transform:none; | tt:c | text-transform:capitalize; |
| | | tt:u | text-transform:uppercase; | tt:l | text-transform:lowercase; |
| tw | text-wrap: l ; | tw:n | text-wrap:normal; | tw:no | text-wrap:none; |
| tw:u | text-wrap:unrestricted; | tw:s | text-wrap:suppress; | tsh | text-shadow: hoff voff blur #000 ; |
| tsh:r | text-shadow: h v blur rgb(0, 0, 0) ; | tsh:ra | text-shadow: h v blur rgba(0, 0, 0, .5) ; | tsh+ | text-shadow: 0 0 0 #000 ; |
| lh | line-height: l ; | lts | letter-spacing: l ; | tsh:n | text-shadow:none; |
| whs | white-space: l ; | whs:n | white-space:normal; | lts-n | letter-spacing:normal; |
| whs:nw | white-space:nowrap; | whs:pw | white-space:pre-wrap; | whs:p | white-space:pre; |
| whsc | white-space-collapse: l ; | whsc:n | white-space-collapse:normal; | whs:pl | white-space:pre-line; |
| whsc:l | white-space-collapse:loose; | whsc:bs | white-space-collapse:break-strict; | whsc:k | white-space-collapse:keep-all; |
| wob | word-break: l ; | wob:n | word-break:normal; | whsc:ba | white-space-collapse:break-all; |
| wob:ba | word-break:break-all; | wos | word-spacing: l ; | wob:k | word-break:keep-all; |
| wow:nm | word-wrap:normal; | wow:n | word-wrap:none; | wow | word-wrap: l ; |
| wow:s | word-wrap:suppress; | wow:b | word-wrap:break-word; | wow:u | word-wrap:unrestricted; |
| Background | | | | | |
| bg | background: #000 ; | bg+ | background: #fff url(l) 0 0 no-repeat ; | bg:n | background:none; |
| | | | | bgc | background-color: #fff ; |

| | | | | | |
|-------------------|--|---------------|--|-----------------|--|
| bgc:t | background-color:transparent; | bgi | background-image:url(l); | bgi:n | background-image:none; |
| bgr | background-repeat: l ; | bgr:n | background-repeat:no-repeat; | bgr:x | background-repeat:repeat-x; |
| bgr:y | background-repeat:repeat-y; | bgr:sp | background-repeat:space; | bgr:rd | background-repeat:round; |
| bga | background-attachment: l ; | bga:f | background-attachment:fixed; | bga:s | background-attachment:scroll; |
| bgp | background-position:(0) (0); | bgpx | background-position-x: l ; | bgpy | background-position-y: l ; |
| | | bgbk | background-break: l ; | bgbk:bb | background-break:bounding-box; |
| bgbk:eb | background-break:each-box; | bgbk:c | background-break:continuous; | bgcp | background-clip:(padding-box); |
| bgcp:bb | background-clip:border-box; | bgcp:pb | background-clip:padding-box; | bgcp:cb | background-clip:content-box; |
| bgcp:nc | background-clip:no-clip; | bgo | background-origin: l ; | bgo:pb | background-origin:padding-box; |
| bgo:bb | background-origin:border-box; | bgo:cb | background-origin:content-box; | bgsz | background-size: l ; |
| bgsz:a | background-size:auto; | bgsz:ct | background-size:contain; | bgsz:cv | background-size:cover; |
| Color | | | | | |
| c | color:#(000); | c:r | color:rgb(0 , 0 , 0); | c:ra | color:rgba(0 , 0 , 0 , . 5); |
| op | opacity: l ; | | | | |
| Generated content | | | | | |
| cnt | content:' l '; | cnt:n, ct:n | content:normal; | cnt:oq, ct:oq | content:open-quote; |
| cnt:noq, ct:noq | content:no-open-quote; | cnt:cq, ct:cq | content:close-quote; | cnt:ncq, ct:ncq | content:no-close-quote; |
| cnt:a, ct:a | content:attr(l); | cnt:c, ct:c | content:counter(l); | cnt:cs, ct:cs | content:counters(l); |
| ct | content: l ; | q | quotes: l ; | q:n | quotes:none; |
| q:ru | quotes:'\00AB' '\00BB' '\201E' '\201C'; | q:en | quotes:'\201C' '\201D' '\2018' '\2019'; | coi | counter-increment: l ; |
| | | | | cor | counter-reset: l ; |
| Outline | | | | | |
| ol | outline: l ; | ol:n | outline:none; | olo | outline-offset: l ; |
| olw | outline-width: l ; | olw:tn | outline-width:thin; | olw:m | outline-width:medium; |
| olw:tc | outline-width:thick; | ols | outline-style: l ; | ols:n | outline-style:none; |
| ols:dt | outline-style:dotted; | ols:ds | outline-style:dashed; | ols:s | outline-style:solid; |
| ols:db | outline-style:double; | ols:g | outline-style:groove; | ols:r | outline-style:ridge; |
| ols:i | outline-style:inset; | ols:o | outline-style:outset; | olc | outline-color:#(000); |
| olc:i | outline-color:invert; | | | | |
| Tables | | | | | |
| tbl | table-layout: l ; | tbl:a | table-layout:auto; | tbl:f | table-layout:fixed; |
| cps | caption-side: l ; | cps:t | caption-side:top; | cps:b | caption-side:bottom; |
| ec | empty-cells: l ; | ec:s | empty-cells:show; | ec:h | empty-cells:hide; |
| Border | | | | | |

| | | | | | |
|---------|---|-----------|-------------------------------------|-----------|---------------------------------------|
| bd | border: !; | bd+ | border: 1px solid #000; | bd:n | border:none; |
| bdbk:c | border-break:close; | bdcl | border-collapse: !; | bdbk | border-break: close ; |
| bdcl:s | border-collapse:separate; | bdc | border-color:# 000 ; | bdcl:c | border-collapse:collapse; |
| | | | | bdc:t | border-color:transparent; |
| bdi:n | border-image:none; | bdti | border-top-image:url(!;); | bdi | border-image:url(!;); |
| bdri | border-right-image:url(!;); | bdri:n | border-right-image:none; | bdti:n | border-top-image:none; |
| bdbi:n | border-bottom-image:none; | bdli | border-left-image:url(!;); | bdbi | border-bottom-image:url(!;); |
| bdc: | border-corner-image:url(!;); | bdci:n | border-corner-image:none; | bdli:n | border-left-image:none; |
| bdtli | border-top-left-image:url(!;); | bdtli:n | border-top-left-image:none; | bdc:c | border-corner-image:continue; |
| bdttri | border-top-right-image:url(!;); | bdttri:n | border-top-right-image:none; | bdtli:c | border-top-left-image:continue; |
| bdbri | border-bottom-right-image:url(!;); | bdbri:n | border-bottom-right-image:none; | bdttri:c | border-top-right-image:continue; |
| bdbli | border-bottom-left-image:url(!;); | bdbli:n | border-bottom-left-image:none; | bdbri:c | border-bottom-right-image:continue; |
| bdf | border-fit: repeat ; | bdf:c | border-fit:clip; | bdbli:c | border-bottom-left-image:continue; |
| | | bdf:sc | border-fit:scale; | bdf:r | border-fit:repeat; |
| bdf:ow | border-fit:overwrite; | bdf:of | border-fit:overflow; | bdf:st | border-fit:stretch; |
| bdlen | border-length: !; | bdlen:a | border-length:auto; | bdf:sp | border-fit:space; |
| bds | border-style: !; | bds:n | border-style:none; | bdsp | border-spacing: !; |
| bds:dt | border-style:dotted; | bds:ds | border-style:dashed; | bds:h | border-style:hidden; |
| bds:db | border-style:double; | bds:dt ds | border-style:dot-dash; | bds:s | border-style:solid; |
| bds:w | border-style:wave; | bds:g | border-style:groove; | bds:dt ds | border-style:dot-dot-dash; |
| bds:i | border-style:inset; | bds:o | border-style:outset; | bds:r | border-style:ridge; |
| bdt, bt | border-top: !; | bdt+ | border-top: 1px solid #000; | bdw | border-width: !; |
| | | | | bdt:n | border-top:none; |
| bdt s | border-top-style: !; | bdt s:n | border-top-style:none; | bdtw | border-top-width: !; |
| bdtc:t | border-top-color:transparent; | bdr, br | border-right: !; | bdtc | border-top-color:# 000 ; |
| bdr:n | border-right:none; | bdrw | border-right-width: !; | bdr+ | border-right: 1px solid #000; |
| bdrst:n | border-right-style:none; | bdr c | border-right-color:# 000 ; | bdrst | border-right-style: !; |
| | | | | bdr c:t | border-right-color:transparent; |
| | | | | bdb, bb | border-bottom: !; |
| bdb+ | border-bottom: 1px solid #000; | bdb:n | border-bottom:none; | bdbw | border-bottom-width: !; |
| | | bdb s | border-bottom-style: !; | bdb s:n | border-bottom-style:none; |
| bdbc | border-bottom-color:# 000 ; | bdbc:t | border-bottom-color:transparent; | bd l, bl | border-left: !; |
| | | bd l+ | border-left: 1px solid #000; | bd l:n | border-left:none; |

| | | | | | |
|---------------|--|---------|--|-----------|---|
| bdlw | border-left-width: l ; | bdls | border-left-style: l ; | bdls:n | border-left-style:none; |
| bdlc | border-left-color:# 000 ; | bdlc:t | border-left-color:transparent; | bdrs | border-radius: l ; |
| | | bdtrrs | border-top-right-radius: l ; | bdtlrs | border-top-left-radius: l ; |
| bdbrrs | border-bottom-right-radius: l ; | bdblrs | border-bottom-left-radius: l ; | | |
| Lists | | | | | |
| lis | list-style: l ; | lis:n | list-style:none; | lisp | list-style-position: l ; |
| lisp:i | list-style-position:inside; | lisp:o | list-style-position:outside; | list | list-style-type: l ; |
| list:n | list-style-type:none; | list:d | list-style-type:disc; | list:c | list-style-type:circle; |
| list:s | list-style-type:square; | list:dc | list-style-type:decimal; | list:dc1z | list-style-type:decimal-leading-zero; |
| list:lr | list-style-type:lower-roman; | list:ur | list-style-type:upper-roman; | lisi | list-style-image: l ; |
| lisi:n | list-style-image:none; | | | | |
| Print | | | | | |
| pgbb | page-break-before: l ; | pgbb:au | page-break-before:auto; | pgbb:al | page-break-before:always; |
| pgbb:l | page-break-before:left; | pgbb:r | page-break-before:right; | pgbi | page-break-inside: l ; |
| pgbi:au | page-break-inside:auto; | pgbi:av | page-break-inside:avoid; | pgba | page-break-after: l ; |
| pgba:au | page-break-after:auto; | pgba:al | page-break-after:always; | pgba:l | page-break-after:left; |
| pgba:r | page-break-after:right; | orp | orphans: l ; | wid | widows: l ; |
| Others | | | | | |
| ! | !important | @f | @font-face { font-family: l ; src:url(l); } | @f+ | @font-face { font-family: ' FontName '; src: url(' FileName .eot'); src: url(' FileName .eot? #iefix') format('embedded- opentype'), url(' FileName .woff') format('woff'), url(' FileName .ttf') format('truetype'), url(' FileName .svg# FontName ') format('svg'); font-style: normal ; font-weight: normal ; } |
| @i, @import | @import url(l); | | | | |

| | | | | | |
|-----------|--|------------|--|----------------------|---|
| @kf | <pre> @-webkit-keyframes identifier { from { } to { } } @-o-keyframes identifier { from { } to { } } @-moz-keyframes identifier { from { } to { } } @keyframes identifier { from { } to { } } </pre> | @m, @media | <pre> @media screen { } </pre> | ac | align-content:; |
| | | ac:fs | align-content:flex-start; | ac:c | align-content:center; |
| | | ac:sa | align-content:space-around; | ac:fe | align-content:flex-end; |
| | | ai | align-items:; | ac:s | align-content:stretch; |
| | | ai:c | align-items:center; | ac:sb | align-content:space-between; |
| | | ai:fs | align-items:flex-start; | ai:b | align-items:baseline; |
| | | anim | animation:; | ai:fe | align-items:flex-end; |
| | | | | ai:s | align-items:stretch; |
| | | | | anim- | animation: name duration timing-function delay iteration-count direction fill-mode; |
| animdel | animation-delay:time; | animdir | animation-direction:normal; | animdir:a | animation-direction:alternate; |
| | | | | animdir:ar | animation-direction:alternate-reverse; |
| animdir:n | animation-direction:normal; | animdir:r | animation-direction:reverse; | animdur | animation-duration:0s; |
| animfm | animation-fill-mode:both; | animfm:b | animation-fill-mode:backwards; | animfm:bt, animfm:bh | animation-fill-mode:both; |
| | | animfm:f | animation-fill-mode:forwards; | animic | animation-iteration-count:1; |
| animic:i | animation-iteration-count:infinite; | animn | animation-name:none; | animps | animation-play-state:running; |
| animps:p | animation-play-state:paused; | animps:r | animation-play-state:running; | animtf | animation-timing-function:linear; |
| animtf:cb | animation-timing-function:cubic-bezier(0.1, 0.7, 1.0, 0.1); | animtf:e | animation-timing-function:ease; | animtf:ei | animation-timing-function:ease-in; |
| | | animtf:eio | animation-timing-function:ease-in-out; | animtf:eo | animation-timing-function:ease-out; |
| | | | | animtf:l | animation-timing-function:linear; |
| ap | appearance:\${none}; | as | align-self:; | as:a | align-self:auto; |
| as:b | align-self:baseline; | as:c | align-self:center; | as:fe | align-self:flex-end; |
| as:fs | align-self:flex-start; | as:s | align-self:stretch; | bfv | backface-visibility:; |
| bfv:h | backface-visibility:hidden; | bfv:v | backface-visibility:visible; | bg:ie | filter:progid:DXImageTransform.Microsoft.AlphaImageLoader(src='x.png',sizingMethod='crop'); |
| cm | /* \${child} */ | colm | columns:; | colmc | column-count:; |
| colmf | column-fill:; | colmg | column-gap:; | colmr | column-rule:; |
| colmrc | column-rule-color:; | colmrs | column-rule-style:; | colmrw | column-rule-width:; |
| colms | column-span:; | colmw | column-width:; | d:ib+ | display: inline-block; *display: inline; *zoom: 1; |
| fx | flex:; | fxb | flex-basis:; | fxd | flex-direction:; |

| | | | | | |
|---------|--|---------|---|-----------------|--|
| fxd:c | flex-direction:column; | fxd:cr | flex-direction:column-reverse; | fxd:r | flex-direction:row; |
| fxd:rr | flex-direction:row-reverse; | fxf | flex-flow: l ; | fxg | flex-grow: l ; |
| fxsh | flex-shrink: l ; | fxw | flex-wrap: l ; | fxw:n | flex-wrap:nowrap; |
| fxw:w | flex-wrap:wrap; | fxw:wr | flex-wrap:wrap-reverse; | jc | justify-content: l ; |
| jc:c | justify-content:center; | jc:fe | justify-content:flex-end; | jc:fs | justify-content:flex-start; |
| jc:sa | justify-content:space-around; | jc:sb | justify-content:space-between; | mar | max-resolution: res ; |
| mir | min-resolution: res ; | op+ | opacity: l ; filter: alpha(opacity= l); | op:ie | filter:progid:DXImageTransform.Microsoft.Alpha(Opacity=100); |
| op:ms | -ms- filter:'progid:DXImageTransform.Microsoft.Alpha(Opacity=100)'; | ord | order: l ; | ori | orientation: l ; |
| | | ori:l | orientation:landscape; | ori:p | orientation:portrait; |
| tov:e | text-overflow:ellipsis; | tov | text-overflow:\${ellipsis}; | tov:c | text-overflow:clip; |
| trf:rx | transform: rotateX(angle); | trf | transform: l ; | trf:r | transform: rotate(angle); |
| trf:ry | | trf:ry | transform: rotateY(angle); | trf:rz | transform: rotateZ(angle); |
| trf:sc | transform: scale(x , y); | trf:sc3 | transform: scale3d(x , y , z); | trf:scx | transform: scaleX(x); |
| trf:scy | transform: scaleY(y); | trf:scz | transform: scaleZ(z); | trf:skx | transform: skewX(angle); |
| trf:sky | transform: skewY(angle); | trf:t | transform: translate(x , y); | trf:t3 | transform: translate3d(tx , ty , tz); |
| trf:tx | transform: translateX(x); | trf:ty | transform: translateY(y); | trf:tz | transform: translateZ(z); |
| trfo | transform-origin: l ; | trfs | transform-style: preserve-3d ; | trs | transition: prop time ; |
| trsde | transition-delay: time ; | trsdu | transition-duration: time ; | trsp | transition-property: prop ; |
| trstf | transition-timing-function: tfunc ; | us | user-select:\${none}; | wfsm | -webkit-font-smoothing:\${antialiased}; |
| wfsm:a | -webkit-font-smoothing:antialiased; | wfsm:n | -webkit-font-smoothing:none; | wfsm:s, wfsm:sa | -webkit-font-smoothing:subpixel-antialiased; |
| wm | writing-mode: lr-tb ; | wm:bt | writing-mode:bt-lr; | wm:btr | writing-mode:bt-rl; |
| wm:rlb | writing-mode:rl-bt; | wm:lrb | writing-mode:lr-bt; | wm:lrt | writing-mode:lr-tb; |
| wm:tbr | writing-mode:tb-rl; | wm:rlt | writing-mode:rl-tb; | wm:tbl | writing-mode:tb-lr; |

XSL

| | | | | | |
|------------|---|-----------|--|--------------|--|
| tmatch, tm | <code><xsl:template match="l" mode="l">l</xsl:template></code> | tname, tn | <code><xsl:template name="l">l</xsl:template></code> | call | <code><xsl:call-template name="l" /></code> |
| ap | <code><xsl:apply-templates select="l" mode="l" /></code> | api | <code><xsl:apply-imports /></code> | imp | <code><xsl:import href="l" /></code> |
| inc | <code><xsl:include href="l" /></code> | ch | <code><xsl:choose>l</xsl:choose></code> | xsl:when, wh | <code><xsl:when test="l">l</xsl:when></code> |


```

ot
    <xsl:otherwise>|</xsl:otherwise>

pare
    <xsl:param name="|" select="|" />

wp
    <xsl:with-param name="|" select="|" />

attr
    <xsl:attribute name="|">|</xsl:attribute>

co
    <xsl:copy-of select="|" />

tex
    <xsl:text>|</xsl:text>

fall
    <xsl:fallback>|</xsl:fallback>

pres
    <xsl:preserve-space elements="|" />

sort
    <xsl:sort select="|" order="|" />

!!!
    <?xml version="1.0" encoding="UTF-8"?>

```

```

if
    <xsl:if test="|">|</xsl:if>

var
    <xsl:variable name="|">|</xsl:variable>

key
    <xsl:key name="|" match="|" use="|" />

attrs
    <xsl:attribute-set name="|">|</xsl:attribute-set>

val
    <xsl:value-of select="|" />

com
    <xsl:comment>|</xsl:comment>

num
    <xsl:number value="|" />

strip
    <xsl:strip-space elements="|" />

choose+
    Alias of xsl:choose>xsl:when+xsl:otherwise
    <xsl:choose>
        <xsl:when test="|">|</xsl:when>
        <xsl:otherwise>|</xsl:otherwise>
    </xsl:choose>

```

```

par
    <xsl:param name="|">|</xsl:param>

vare
    <xsl:variable name="|" select="|" />

elem
    <xsl:element name="|">|</xsl:element>

cp
    <xsl:copy select="|" />

each, for
    <xsl:for-each select="|">|</xsl:for-each>

msg
    <xsl:message terminate="no">|</xsl:message>

nam
    <namespace-alias stylesheet-prefix="|" result-
    prefix="|" />

proc
    <xsl:processing-instruction name="|">|
    </xsl:processing-instruction>

xsl
    Alias of !!!+xsl:stylesheet[version=1.0
    xmlns:xsl=http://www.w3.org/1999/XSL/Transform]>{
    |}
    <?xml version="1.0" encoding="UTF-8"?>
    <xsl:stylesheet version="1.0"
    xmlns:xsl="http://www.w3.org/1999/XSL/Transform">|
    </xsl:stylesheet>

```